



### Scott County and the Towns of Clinchport, Duffield, Dungannon, Gate City, Nickelsville, and Weber City

#### Water Source Overview

Major water supply sources include groundwater wells, Big Moccasin Creek, the North Fork Clinch River, and Spurlock Branch.

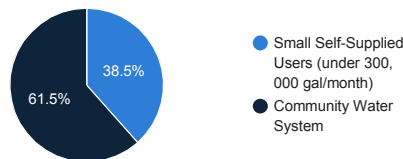
**\*Table 1:** Reported (2010) and projected (2040) water use by system type for Scott County in MGD

Type	Reported Use 2010 MGD	Projected Use 2040 MGD
Small Self-Supplied Users (under 300,000 gal/month)	0.537	0.537
Community Water System	0.859	0.836

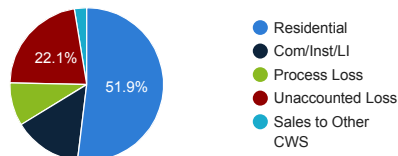
#### Water Use by System Type

Approximately 10,400 people use private groundwater wells for residential water supply. All tables and graphs represent reported water use including Sales to other localities, if applicable.

**\*Figure 1:** Percentage of reported water use by system type in 2010 (No use data shown on graph if less than .01 MGD: Refer to Table 1)



**\*Figure 2:** Disaggregated water use percentages for Community Water Systems in 2010 (No graph shown if no disaggregated use data reported)



**\*Table 2:** Reported (2010) and projected (2040) groundwater and surface water use for Scott County in MGD

Reported 2010 Groundwater Use (MGD)	Reported 2010 Surface Water Use (MGD)	Projected 2040 Groundwater Use (MGD)	Projected 2040 Surface Water Use (MGD)
0.71	0.69	0.69	0.69

**\*Figure 3:** Scott County highlighted in the Commonwealth of Virginia



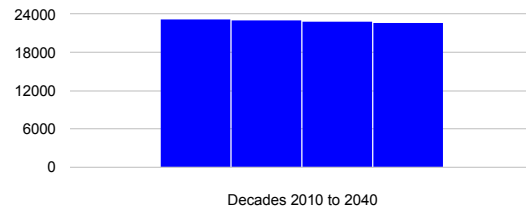
#### Projected Water Demand

Population and demand are projected to decrease through the planning period. Existing water sources are expected to meet projected demands.

**\*Table 3:** Scott County population projections by decade from 2010 to 2040 (data gathered from VEC projections - 05/20/13)

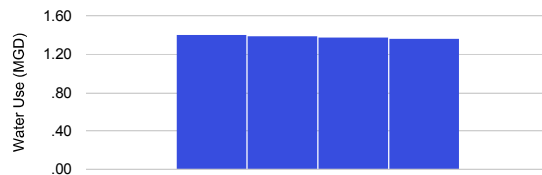
2010	2020	2030	2040	% Change (2010-2040)
23,177	22,985	22,821	22,679	-4.3%

**\*Figure 4:** Scott County population projections by decade for 2010, 2020, 2030 & 2040



**\*Table 4 & Figure 5:** Scott County water demand trends by decade for 2010, 2020, 2030 & 2040 in MGD

Reported Use 2010 MGD	Projected Use 2020 MGD	Projected Use 2030 MGD	Projected Use 2040 MGD	Percent Change (2010-2040)
1.40	1.39	1.38	1.37	-1.7%



#### Drought Management Practices

The County and the Towns of Duffield and Weber City adopted ordinances for the implementation and enforcement of the Drought Response and Contingency Plan. The status of drought enforcement for the Towns of Clinchport, , Dungannon, Gate City, and Nickelsville is pending and will be addressed by the five-year update of the water supply plan. (Southwest Virginia Regional WSP)